

FIG. 1

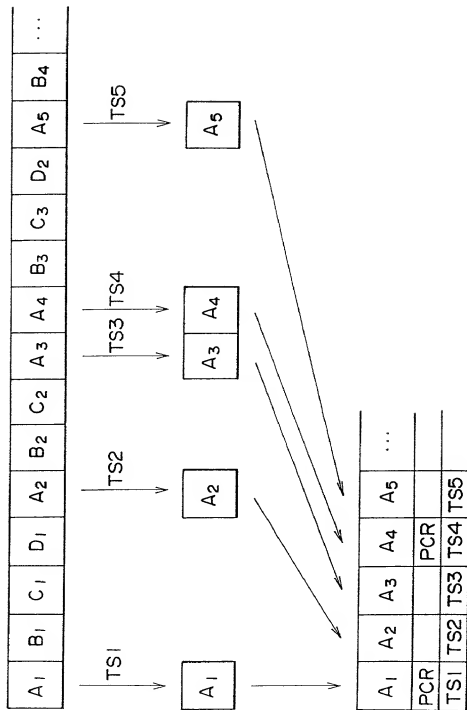
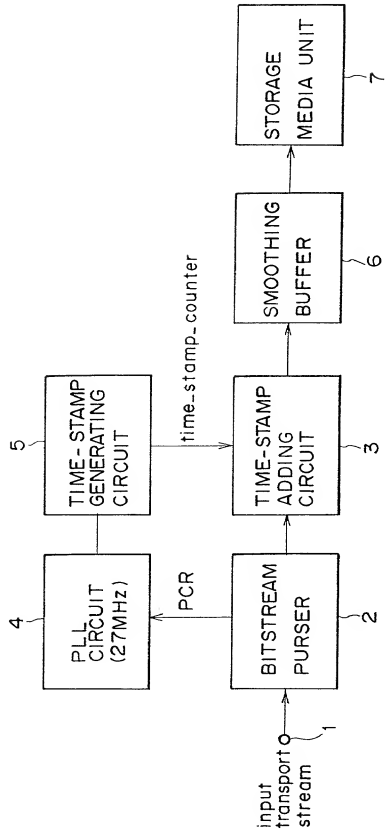
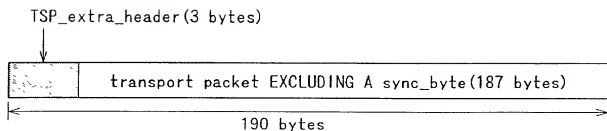


FIG. 2



# FIG. 3



## RECORDING FORMAT OF A transport packet

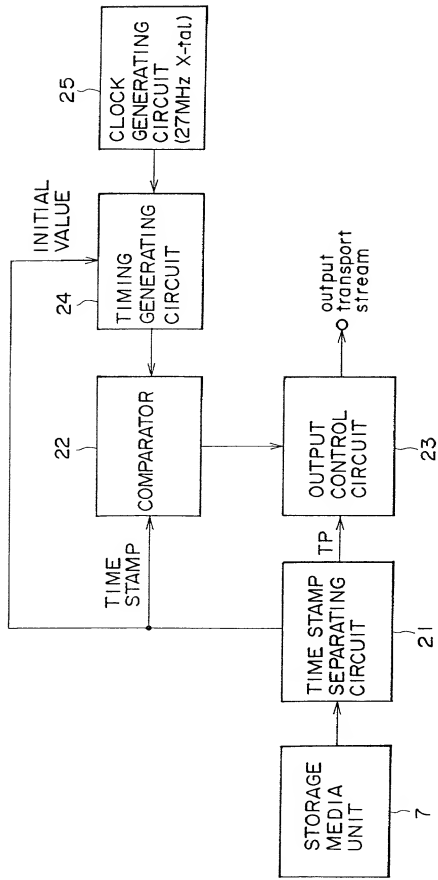
# FIG. 4

```

TSP_extra_header(){
    reserved                3bits
    time_stamp_counter      21bits
}
    
```

## SYNTAX OF TSP\_extra\_header

FIG. 5



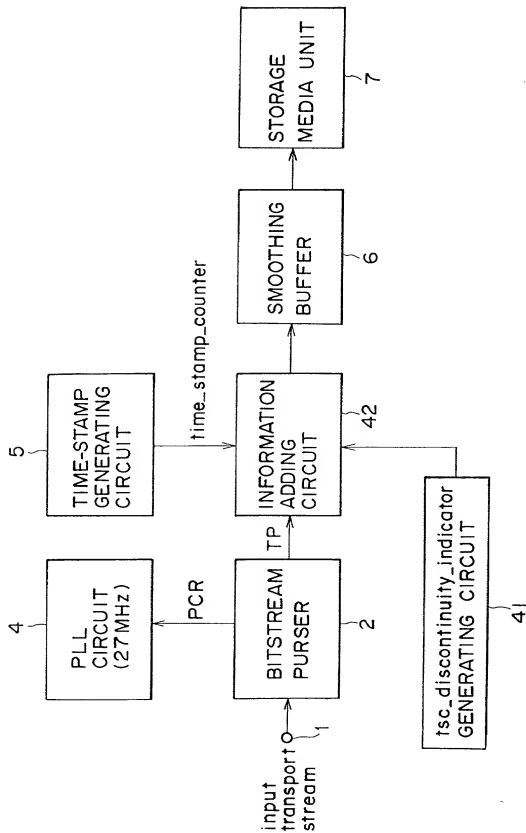
# F I G. 6

A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	A <sub>4</sub>	A <sub>5</sub>	...	A <sub>n</sub>	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	...
PCR			PCR				PCR		PCR		
TS1	TS2	TS3	TS4	TS5		TSn	TS11	TS12	TS13	TS14	



POINT OF  
DISCONTINUITY

FIG. 7



## FIG. 8A

VDR\_MPEG2\_transport\_stream

Syntax	No. of bits	Mnemonic
VDR_MPEG2_transport_stream () {		
do {		
transport_packet ()	188*8	bslbf
if ( TSP_extra_information_flag == 1 )		
TSP_extra_information ()	32	bslbf
} while ( nextbits () -- sync_byte )		
}		

## FIG. 8B

```

VDR_MPEG2_transport_stream () {
    while ( End_of_file ) {
        if ( TSP_extra_information_flag == 1 )
            TSP_extra_information ()
        transport_packet ()
    }
}

```

## FIG. 9

TSP\_extra\_information

Syntax	No. of bits	Mnemonic
TSP_extra_information ()		
{		
time_stamp_counter	24	uimbsf
tsc_discontinuity_indicator	1	uimbsf
copy_permission_indicator	2	uimbsf
CCI_invalid_flag	1	uimbsf
reserved	4	bslbf
}		

FIG. 10

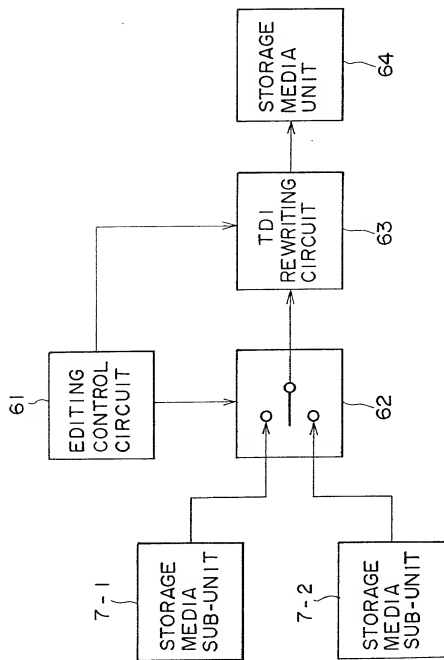




FIG. 11

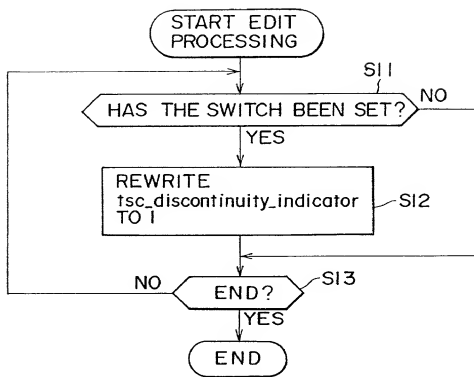


FIG. 12

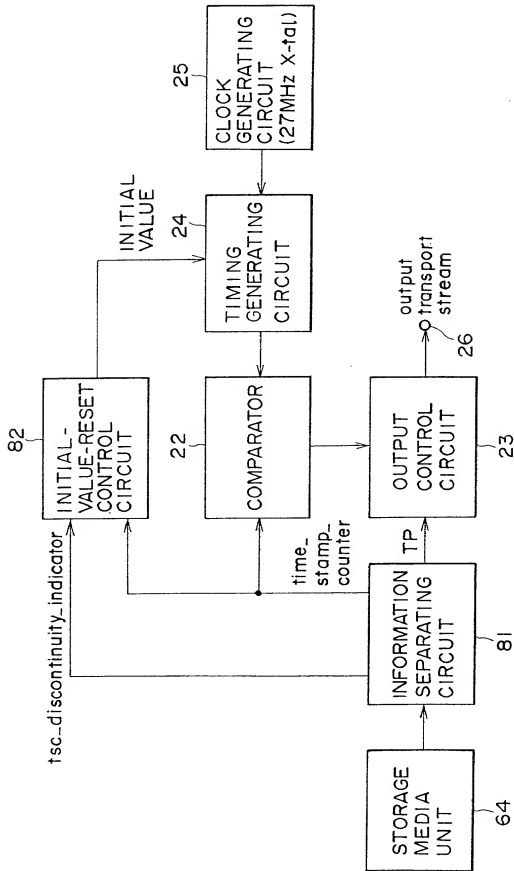


FIG. 13

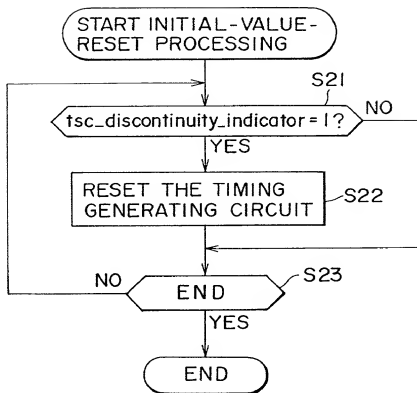
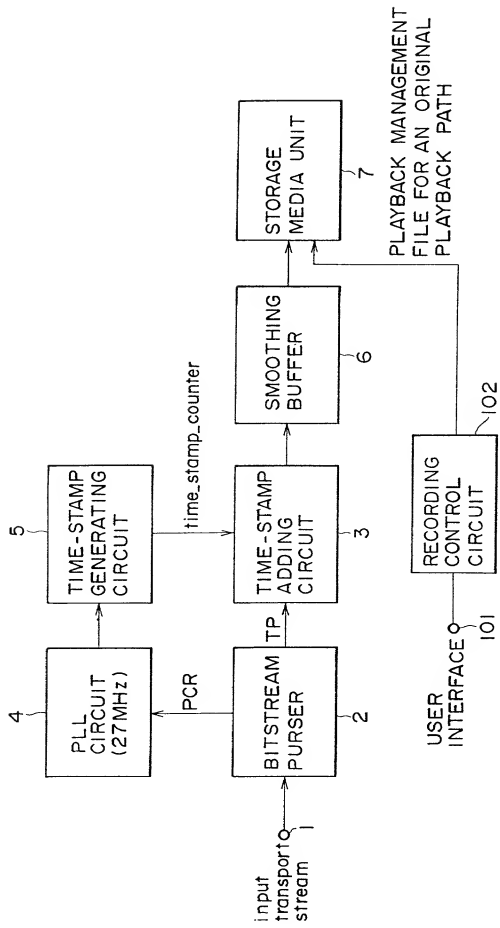


FIG. 14



## FIG. 15

PLAYBACK MANAGEMENT FILE  
FOR AN EDITED PLAYBACK PATH

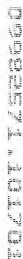
## PLAYBACK PATHS

	FILE NAME	TIMES	ADDRESSES
1	TRANSPORT STREAM 1	A TO B	a TO b
2	TRANSPORT STREAM 1	C TO D	c TO d
3	TRANSPORT STREAM 2	E TO F	e TO f

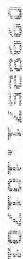
LOCATIONS AT WHICH DISCONTINUITY  
OF TIME STAMPS IS GENERATED

AT A TIME A IN A TRANSPORT PACKET AT AN ADDRESS a  
AT A TIME C IN A TRANSPORT PACKET AT AN ADDRESS c  
AT A TIME E IN A TRANSPORT PACKET AT AN ADDRESS e

09063 with 1 in 1070



09063 with 1 in 1070



0000000000000000

## PLAYBACK PATH

FILE NAME	TIMES	ADDRESSES
TRANSPORT STREAM 1	0 TO x	0 TO X

PLAYBACK MANAGEMENT FILE 2  
FOR AN ORIGINAL PLAYBACK PATH

## PLAYBACK PATH

FILE NAME	TIMES	ADDRESSES
TRANSPORT STREAM 2	0 TO y	0 TO Y

## NO DISCONTINUITY OF TIME STAMPS

FIG. 18

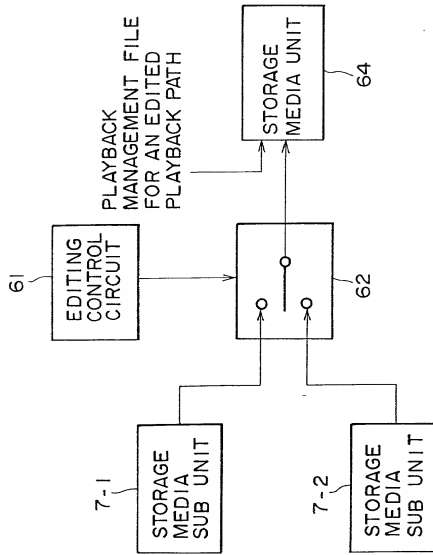




FIG. 19

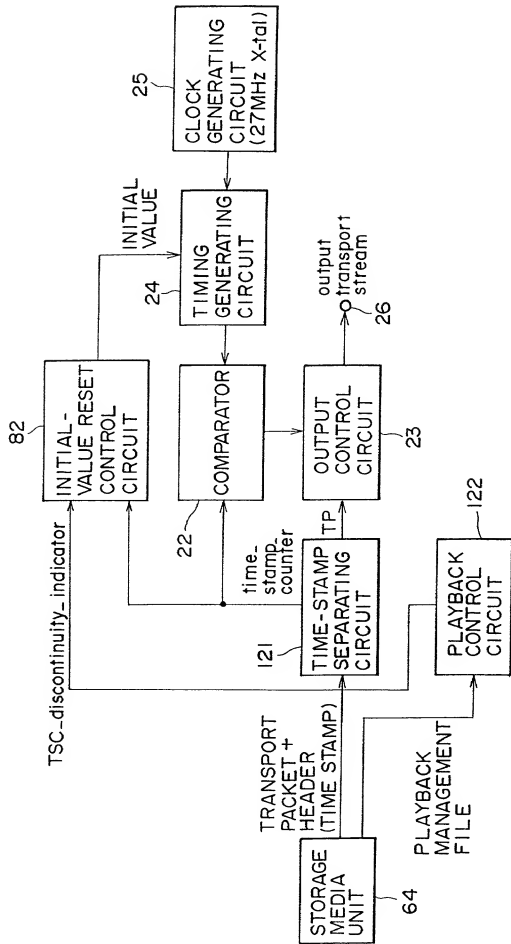


FIG. 20

